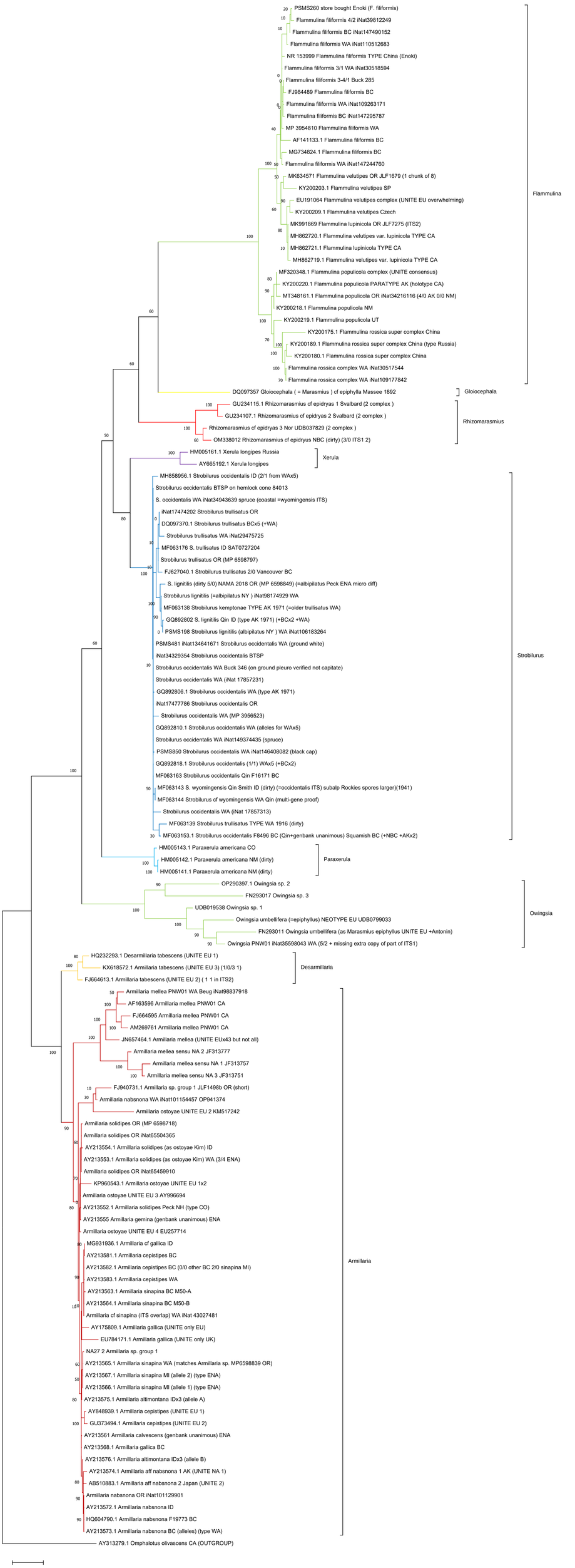
PSMS260 store bought Enoki (F. filiformis)
Flammulina filiformis 4/2 iNat39812249
Flammulina filiformis BC iNat147490152
Flammulina filiformis WA iNat110512683
NR 153999 Flammulina filiformis TYPE China (Enoki)
Flammulina filiformis 3/1 WA iNat30518594
Flammulina filiformis 3-4/1 Buck 285
FJ984489 Flammulina filiformis BC
Flammulina filiformis WA iNat109263171
Flammulina filiformis BC iNat147295787
MP 3954810 Flammulina filiformis WA
AF141133.1 Flammulina filiformis BC
MG734824.1 Flammulina filiformis BC
Flammulina filiformis WA iNat147244760
MK634571 Flammulina velutipes OR JLF1679 (1 chunk of 8)
KY200203.1 Flammulina velutipes SP
EU191064 Flammulina velutipes complex (UNITE EU overwhelming)
KY200209.1 Flammulina velutipes Czech
MK991869 Flammulina lupinicola OR JLF7275 (ITS2)
MH862720.1 Flammulina velutipes var. lupinicola TYPE CA
MH862721.1 Flammulina lupinicola TYPE CA
MH862719.1 Flammulina velutipes var. lupinicola TYPE CA
MF320348.1 Flammulina populicola complex (UNITE consensus)
KY200220.1 Flammulina populicola PARATYPE AK (holotype CA)
MT348161.1 Flammulina populicola OR iNat34216116 (4/0 AK 0/0 NM)
KY200218.1 Flammulina populicola NM
KY200219.1 Flammulina populicola UT
KY200175.1 Flammulina rossica super complex China
KY200189.1 Flammulina rossica super complex China (type Russia)
KY200180.1 Flammulina rossica super complex China
Flammulina rossica complex WA iNat30517544
Flammulina rossica complex WA iNat109177842
Flammulina
DQ097357 Gloiocephala (= Marasmius) cf epiphylla Massee 1892
Gloiocephala
GU234115.1 Rhizomarasmius cf epidryas 1 Svalbard (2 complex)
GU234107.1 Rhizomarasmius cf epidryas 2 Svalbard (2 complex)
Rhizomarasmius cf epidryas 3 Nor UDB037829 (2 complex)
OM338012 Rhizomarasmius cf epidryus NBC (dirty) (3/0 ITS1 2)
Rhizomarasmius
HM005161.1 Xerula longipes Russia
AY665192.1 Xerula longipes
Xerula
MH858956.1 Strobilurus occidentalis ID (2/1 from WAx5)
Strobilurus occidentalis BTSP on hemlock cone 84013
S. occidentalis WA iNat34943639 spruce (coastal =wyomingensis ITS)
iNat17474202 Strobilurus trullisatus OR
DQ097370.1 Strobilurus trullisatus BCx5 (+WA)
Strobilurus trullisatus WA iNat29475725
MF063176 S. trullisatus ID SAT0727204
Strobilurus trullisatus OR (MP 6598797)
FJ627040.1 Strobilurus trullisatus 2/0 Vancouver BC
S. lignitilis (dirty 5/0) NAMA 2018 OR (MP 6598849) (=albipilatus Peck ENA micro diff)
Strobilurus lignitilis (=albipilatus NY) iNat98174929 WA
MF063138 Strobilurus kemptonae TYPE AK 1971 (=older trullisatus WA)
GQ892802 S. lignitilis Qin ID (type AK 1971) (+BCx2 +WA)
PSMS198 Strobilurus lignitilis (albipilatus NY) WA iNat106183264
PSMS481 iNat134641671 Strobilurus occidentalis WA (ground white)
iNat34329354 Strobilurus occidentalis BTSP
Strobilurus occidentalis WA Buck 346 (on ground pleuro verified not capitate)
Strobilurus occidentalis WA (iNat 17857231)
GQ892806.1 Strobilurus occidentalis WA (type AK 1971)
iNat17477786 Strobilurus occidentalis OR
Strobilurus occidentalis WA (MP 3956523)
GQ892810.1 Strobilurus occidentalis WA (alleles for WAx5)
Strobilurus occidentalis WA iNat149374435 (spruce)
PSMS850 Strobilurus occidentalis WA iNat146408082 (black cap)
GQ892818.1 Strobilurus occidentalis (1/1) WAx5 (+BCx2)
MF063163 Strobilurus occidentalis Qin F16171 BC
MF063143 S. wyomingensis Qin Smith ID (dirty) (=occidentalis ITS) subalp Rockies spores larger)(1941)
MF063144 Strobilurus cf wyomingensis WA Qin (multi-gene proof)
Strobilurus occidentalis WA (iNat 17857313)
MF063139 Strobilurus trullisatus TYPE WA 1916 (dirty)
MF063153.1 Strobilurus occidentalis F8496 BC (Qin+genbank unanimous) Squamish BC (+NBC +AKx2)
Strobilurus
HM005143.1 Paraxerula americana CO
HM005142.1 Paraxerula americana NM (dirty)
HM005141.1 Paraxerula americana NM (dirty)
Paraxerula
OP290397.1 Owingsia sp. 2
FN293017 Owingsia sp. 3
UDB019538 Owingsia sp. 1
Owingsia umbellifera (=epiphyllus) NEOTYPE EU UDB0799033
FN293011 Owingsia umbellifera (as Marasmius epiphyllus UNITE EU +Antonin)
Owingsia PNW01 iNat35598043 WA (5/2 + missing extra copy of part of ITS1)
Owingsia
HQ232293.1 Desarmillaria tabescens (UNITE EU 1)
KX618572.1 Armillaria tabescens (UNITE EU 3) (1/0/3 1)
FJ664613.1 Armillaria tabescens (UNITE EU 2) (1 1 in ITS2)
Desarmillaria
Armillaria mellea PNW01 WA Beug iNat98837918
AF163596 Armillaria mellea PNW01 CA
FJ664595 Armillaria mellea PNW01 CA
AM269761 Armillaria mellea PNW01 CA
JN657464.1 Armillaria mellea (UNITE EUx43 but not all)
Armillaria mellea sensu NA 2 JF313777
Armillaria mellea sensu NA 1 JF313757
Armillaria mellea sensu NA 3 JF313751
FJ940731.1 Armillaria sp. group 1 JLF1498b OR (short)
Armillaria nabsnona WA iNat101154457 OP941374
Armillaria ostoyae UNITE EU 2 KM517242
Armillaria solidipes OR (MP 6598718)
Armillaria solidipes OR iNat65504365
AY213554.1 Armillaria solidipes (as ostoyae Kim) ID
AY213553.1 Armillaria solidipes (as ostoyae Kim) WA (3/4 ENA)
Armillaria solidipes OR iNat65459910
KP960543.1 Armillaria ostoyae UNITE EU 1x2
Armillaria ostoyae UNITE EU 3 AY996694
AY213552.1 Armillaria solidipes Peck NH (type CO)
AY213555 Armillaria gemina (genbank unanimous) ENA
Armillaria ostoyae UNITE EU 4 EU257714
MG931936.1 Armillaria cf gallica ID
AY213581.1 Armillaria cepistipes BC
AY213582.1 Armillaria cepistipes BC (0/0 other BC 2/0 sinapina MI)
AY213583.1 Armillaria cepistipes WA
AY213563.1 Armillaria sinapina BC M50-A
AY213564.1 Armillaria sinapina BC M50-B
Armillaria cf sinapina (ITS overlap) WA iNat 43027481
AY175809.1 Armillaria gallica (UNITE only EU)
EU784171.1 Armillaria gallica (UNITE only UK)
NA27 2 Armillaria sp. group 1
AY213565.1 Armillaria sinapina WA (matches Armillaria sp. MP6598839 OR)
AY213567.1 Armillaria sinapina MI (allele 2) (type ENA)
AY213566.1 Armillaria sinapina MI (allele 1) (type ENA)
AY213575.1 Armillaria altimontana IDx3 (allele A)
AY848939.1 Armillaria cepistipes (UNITE EU 1)
GU373494.1 Armillaria cepistipes (UNITE EU 2)
AY213561 Armillaria calvescens (genbank unanimous) ENA
AY213568.1 Armillaria gallica BC
AY213576.1 Armillaria altimontana IDx3 (allele B)
AY213574.1 Armillaria aff nabsnona 1 AK (UNITE NA 1)
AB510883.1 Armillaria aff nabsnona 2 Japan (UNITE 2)
Armillaria nabsnona OR iNat101129901
AY213572.1 Armillaria nabsnona ID
HQ604790.1 Armillaria nabsnona F19773 BC
AY213573.1 Armillaria nabsnona BC (alleles) (type WA)
Armillaria
AY313279.1 Omphalotus olivascens CA (OUTGROUP)
0.050